

**From:** [Coltrain, Katrina](#)  
**To:** (b) (6)  
**Cc:** [Todd Downham](#)  
**Subject:** Wilcox Oil Company Superfund Site - Information  
**Date:** Wednesday, July 20, 2016 7:34:00 PM  
**Attachments:** [wilcox SAP figures.pdf](#)  
[WilcoxInviteFlyer2016.pdf](#)  
[WilcoxSuperfundHandout6\\_2016.pdf](#)  
[Fact Sheet-VI sampling wilcox summary for residents 7-14-16.docx](#)  
[vapor-intrusion epa fact sheet.pdf](#)

Good day (b) (6) thank you for meeting with Todd and I this morning to discuss the planned sampling activities scheduled for August/September 2016. During the meeting you requested copies of the proposed sample locations. Please find attached, site maps showing the proposed sample locations for soil, surface water and sediment, ground water, and vapor/soil gas. Also attached are the fact sheets on vapor intrusion and the updated site fact sheet. In addition, I have summarized below the sampling activities that we are planning for the (b) (6) property. Should you have additional questions or concerns, please do not hesitate to call me or Todd.

Thank you for your continue interest and support.

1. Soil sampling: This map shows the proposed locations for soil cores that will be pushed to depth. Samples will be collected at various depths and analyzed for organic and inorganic contaminants. The locations are currently centered around areas where the direct sensing investigation indicates the potential presence of waste/source material.
2. Well Sampling: The water well on the property is of interest because of the presence of oil. We have asked the US Geological Survey to assist us with evaluation of the well. The USGS will have a camera that can be used to see the well construction, depth measurement tools to determine total depth, and resistivity/gamma tools that will be able to map the soil layers and the water-bearing layers. We hope that this evaluation will tell us the source of the oil that is present in the well. Because of the presence of oil and the well's connection with the water zone found at depth, we are planning to plug or close this well so that it is not a conduit for oil/contamination to move from the shallow zone into the deeper zone. We understand that this request will need to be discussed with other members of your organization, and we will wait for confirmation prior to taking any action related to plugging or closing the well.
3. Vapor/Soil Gas sampling: The refinery waste material may be a source for harmful vapors. Because of this, we will be performing a passive soil gas survey across the refinery area. These samples will provide us with data that indicates the potential for the creation of or the presence of vapors in the subsurface. Based on discussion with you, we understand that after the two buildings on the property have been closed and then entered after a period of time, vapors are noticeable upon entry. In order to determine whether harmful vapors are accumulating or entering the buildings, we are proposing sub-slab and indoor air sampling for these two buildings. To collect the sub-slab sample a small hole will need to be drilled through the slab so that a soil gas sample can be collected from directly under the buildings. The indoor air sample consists of a small canister that is placed within the building that samples the air for a period of 8 to 24 hrs. We understand that the sub-slab sample request, due to the need for drilling holes through the slab, will need to be discussed with other members of your organization, and we will wait for confirmation prior to taking the sub-slab

sample.

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